

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 6/19/2012 Page 1 of 2

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO.	
CCO#: 251	SUPPLEMENT#: 0	Category Code: CHPX	CONTINGENCY BALANCE (incl. this change) \$107,332,542.58	
COST: \$63,872.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Cable Compaction			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Compacting main span cables using one compactor on each cable working from the Tower to East end. Adding a 2nd shift and increasing shift durations from 8 hours to 12 hours during cable compaction. Compensation will be provided for the differential between straight time and overtime or double time for labor cost expended during the cable compaction. Compensation will also be provided for elevator operation and generators that are necessary to support the 2nd shift.

The Department is concerned that the Contractors selected cable compaction means and methods to simultaneously employ the use of two compactors on each of the main span cables, one starting at the top of the tower and one starting at the cable span midpoint, may result in undesirable voids or excessive crossed wires where the upper compactor meets the lower compactor's start point (cable midspan). While the Contractor is satisfied that their selected means and methods will produce an acceptable product, in the best interests of the long term performance of the cable system (to limit the potential for voids and crossed wires), the Department is directing a change to the Contractors means and methods. The Contractor is directed to use only one compactor per cable span, starting from the top and progressing towards the bottom. It is the Departments position that this change will provide the best possible product for cable system longevity. It is also noted that the means and methods for this operation were not prescriptive in the original Contract.

The total cost of this change order is \$63,872.00 lump sum, which can be financed from the contingency fund. A detailed cost analysis is on file.

A schedule analysis of this change taking into account the additional work shifts and extended hours results in a zero time impact from the Contractors planned schedule. No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), and Wenyi Long (Bridge Design). Maintenance concurrence is not required.

CONTRACT CHANGE ORDER MEMORANDUM

EA: 0120F4 CCO: 251 - 0

DATE: 6/19/2012 Page 2 of 2

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 5/29/12	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 5/31/12	ITEMS	\$0.00	\$0.00
Project Engineer:		Date	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$63,872.00	\$63,872.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$63,872.00	\$63,872.00
Other (specify):	HQ, Rich Foley	Date 5/31/12	FEDERAL PARTICIPATION		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT _____ _____ _____		

DSF *6-20-12*